

IN THE ABSTRACT:

Please amend the Abstract as indicated below:

5 A communication system is disclosed that comprises first and second
 communication apparatus means ~~and a first transmission path as well as at least one further~~
~~transmission path between said first and said second communication means.~~ The first
 communication apparatus is ~~means are~~ provided with a transmitter ~~transmission means~~ for each
 of the said transmission paths, which are capable of sending at least part of a communication
 signal to the second communication apparatus means. The first communication apparatus means
 10 moreover comprises training mechanisms means for generating a training code to be sent to the
 second communication apparatus means enabling a receiver ~~reception means~~ to match a received
 signal to a corresponding transmitted signal. According to the invention, a training code is used
 with at least nearly ideal cyclic auto-correlation properties such that its cyclic auto-correlation
 function is at least nearly zero for all cyclic shifts. The transmitter ~~transmission means~~
 15 concurrently sends a said training code in a mutually shifted manner, while the receiver is
~~reception means are~~ capable of performing a cyclic auto-correlation with respect to a received
 training signal.